1

5

20

APPENDIX A

(Data Dictionary)

BusinessRule

Definition

standardized parameter to be applied in a particular 10 business situation-e.g., what weighting to give to recent vs. overall popularity in sequencing search results, or how much to pay categorizers when users select pages based on their categorizations. Allows multiple tiers applying to various 15 levels of a given parameter or measurement, so that, 1,000 example, incentive payments for the first selections may be 5 cents, payments for selections between 1,001 and 5,000 are 4 cents, etc..

Fields or Attributes

BizRuleId: The unique identifier of the BusinessRule.

EffectiveDtm: The date and time when the business rule takes effect.

BizRuleIdNextIteration: The unique identifier of a BusinessRule for a time period immediately subsequent to the one shown in the EffectiveDtm. (Optional)

ItemCatIDGoverned: The unique identifier of an ItemOrCategory that is governed by the BusinessRule-e.g., the category whose incentive payment amount is represented in the rule. (Optional)

-1-

35

Description: A textual representation of the condition that the parameter applies to-e.g., "Recent Hits" or "Quick Returns."

TierNbr: The order in which a tiered value is to be presented or considered. (Optional)

MininumValue: The threshold value that must be met in order for a particular tier to apply—e.g., user selections greater than or equal to 10,000.

MaximumValue: The ceiling value for the tier. (If an observed measurement exceeds this value, go up to the next sequential tier.) (Optional)

RuleSpecifiedValue: The parameter to be applied to a given business situation—e.g., incentive payment amount is 3 cents per user selection, or the popularity weighting factor for recent user selections is 43.27%.

25

20

5

30

BusinessRuleInclusion

5 Definition

The means by which parameters, criteria, or tiers are known to include or be included in other BusinessRules. Accommodates multiple-parent as well as multiple-children situations.

10

Fields or Attributes

BizRuleIdIncluder: The unique identifier of a BusinessRule that includes another BusinessRule.

15

BizRuleIdIncludee: The unique identifier of a BusinessRule that is included in another BusinessRule.

20

25

30

CategorizationBasis

5 Definition

10

15

20

of ensuring that early categorizers get compensation for their efforts when better-known marketingoriented entities utilize their categorizations categorizations of their own. Created when marketing-oriented Pinpointer's automated use tools to post based on prior categorizations categorizations by other entities.

Fields or Attributes

CatIdAcknowledging: The unique identifier of the ItemCategorization that is based on a pre-existing ItemCategorization.

CatIdAcknowledged: The unique identifier of the pre-existing ItemCategorization on which a later ItemCategorization is based.

25 CreditShare: A percentage indicating the portion of to which the specified pre-existing incentive payment ItemCategorization is entitled, relative to any other pre-ItemCategorizations which the later on 30 ItemCategorization is also based. Maximum value = 100%.

CatBasedSelectionSummary

5 Definition

A tally of the number of times users have selected an item based on an ItemCategorization within a specified period.

10 Fields or Attributes

CatBasedSelectionSummaryId: The unique identifier of the CatBasedSelectionSummary. 20-position integer. (Mandatory)

15 CategorizationId: The unique identifier of the ItemCategorization whose selections have been tallied.

PeriodMM: The month to which the tally applies.

PeriodYYYY: The year to which the tally applies.

SelectionCount: The tally of user selections for the time period.

QuickReturnCount: A tally of the number of times users who have selected the item have almost immediately gone back to the search results, indicating dissatisfaction with the item as classified.

30

CategorizingEntity

5 Definition

1

10

15

25

35

A method of providing quick summary information about a PersonOrOrganization making a particular type of categorization, without needing to rummage through vast amounts of information spread across the database while the user is waiting for a response. Updated only by a batch summarization program.

Fields or Attributes

ItemCatIdCategory: The unique identifier of the category to which the categorizer's summary data applies.

PersorgId: The unique identifier of the PersonOrOrganization to whom the summary data applies.

TotalCategorizations: The number of categorizations the PersonOrOrganization has made within this category. Does not include subcategories. (Optional)

SpecificCatRecentHits: A measure of the categorizer's current popularity. What is recent is determined by the batch update program, based on appropriate BusinessRules. (Optional)

30 SpecificCatOverallHits: A measure of the categorizer's overall popularity. (Optional)

SpecificCatQuickReturns: A measure of the categorizer's reliability, based on the number of times users selecting an

5

15

item via a categorization by this PersonOrOrganization have quickly returned to the search results page to find something closer to what they were hoping to find. (Optional)

BroaderCatRecentHits: A way of taking into account a categorizer's current popularity within other, related categories. 12-position integer. (Optional)

10

BroaderCatOverallHits: A measure of the categorizer's overall popularity within other, related categories (Optional)

BroaderCatQuickReturns: A measure of the categorizer's reliability within other, related categories. (Optional)

DtmLastUpdated: When the batch update program last ran.
(Optional)

CategorizerTopLevelInd: A flag used by the Find Material screen to expedite processing when the user has selected a categorizer but no category. Without this flag, a great deal of resource-intensive traversing of the database could be needed to required the highest-level categories utilized by the categorizer. Set by a batch program.

30

CategoryDetail

5 Definition

The set of information that pertains only to categories, and not to specific items.

10 Fields or Attributes

ItemCatId: The unique identifier of the category to which this information applies. 12-position integer.

15 TopLevelInd: A flag used to tell Pinpointer what should initially appear in the category screen. 1-position integer.

Explanation: A textual guide to what is meant when the category in question is applied to an item. Especially important for prestige categorizers to improve clarity and avoid lawsuits (e.g., the category "Osteoporosis" might have an explanation indicating that categorizing a content item in that manner only indicates what the item is about, and does not necessarily imply any value judgment about the quality of the content. (Optional)

DnmMatchCount: A tally of the number of content items to which this specific category (not any of its children or grandchildren) has been applied. Used in the Category screen to provider users with an immediate sense of how many search results will be returned if this category is selected. 10-position integer.

20

25

StandAloneSequence: The order in which this category is to be presented in the Category screen and elsewhere relative to other categories with the same parent. (Optional)

ContainsSubsInd: A flag indicating whether the category includes any others (i.e., whether the ItemOrCategory appears as the subject in an ItemCatCorrelation of ItemCatCorrelationType = "Includes / Is Included In"). Updated by a batch program; used by online programs to signal to users that there is benefit to drilling down within the category. 1-position integer. (Mandatory: 1 = yes, 0 = no)

CreditCard

5 Definition

10

15

25

The means by which those posting categorizations on Pinpointer typically make their payments, and also a primary means of ensuring that categorizing entities are who they claim to be.

Fields or Attributes

CreditCardId: A unique identifier issued by Pinpointer, and not dependent on the number assigned by the issuing financial institution that appears on the face of the card.

CardTypeId: The unique identifier of the card's CreditCardType-e.g., Visa or American Express.

20 AccountNbr: The number assigned by the issuing financial institution that appears on the face of the card.

ValidationNbr: The small supplemental number appearing on the face of the card that is used to ensure that a person has a physical card in front of them, and is not just using a card number obtained by improper means. (Optional)

ExpirationMm: The month in which the card will expire.

30 ExpirationYyyy: The year in which the card will expire.

CompanyName: A name that appears at the bottom of corporate cards. Used in ensuring that categorizing entities are who they claim to be. (Optional)

IndividualName: The persons name appearing on the face of the card.

CreditCardType

5 Definition

The overall program in which a card participates, such as MasterCard or Visa.

10 Fields or Attributes

CardTypeId: The Pinpointer-assigned unique identifier of the card program. 2-position integer.

Description: A textual representation of the program's name, such as "Visa" or "American Express."

20

25

30

CreditCardUser

5 Definition

1

10

link between a CreditCard and a PersonOrOrganization Enables an organization to use more authorized to use it. different than one card, if so desired-perhaps with individuals' Also names on them. enables a parentorganization card to be used by subsidiary organizations-e.g., a Hachette-Filipacchi Publishing corporate card used for both Car and Driver and Road & Track magazines.

15 Fields or Attributes

CreditCardId: The Pinpointer-assigned unique identifier of the card.

Description: The unique identifier of the entity authorized to use the card on Pinpointer.

25

30

ItemCatCorrelation

5 Definition

A logical relationship between two categories or two items.

(A relationship between an item and a category is represented instead as an ItemCategorization.)

10

15

20

1

The most common relationship is one of inclusion, which can apply to either categories or content. In the case of categories, "Big Screen TVs" might include "Projection TVs." In the case of content, one embodiment of the present invention allows previously unrelated content items to be "assembled" and navigated in a logical manner. For example, a content item entitled "Contemporary advertising is very different from traditional forms" would include content item entitled "The Pontiac and Marlboro advertising campaigns of the 1960s showed how to dispense with reason and logic altogether."

25

Some standardized ways in which content items can interrelate include supporting or corroborating, limiting or refuting, refining, and implying.

30

In a standardized ItemCatCorrelation, one item is always designated as the Subject, and the other as the Reference. This is necessary to differentiate between the includer and the includee, between the implier and what's implied, etc.

Fields or Attributes

5

10

15

20

25

30

ItemCatCorrelationId: The unique identifier of the
ItemCatCorrelation.

ItemCatIdSubject: The unique identifier of the Subject item or category.

ItemCatIdReference: The unique identifier of the Reference item or category.

CorrTypeId: The unique identifier of the ItemCatCorrelationType by which the relationship is categorized. 4-position integer. (Mandatory)

PersOrgIdSource: The unique identifier of the entity establishing the link. (Optional)

SubjectSeq: The relative order in which the Subject is to be presented, when there are also other categories or content items having the same relationship to the Reference item. For example, if the correlation type is "Includes/Is Included In," the Subject category would be the one doing the including. What if the Reference Item is "Car Stereo?" Both "Stereo Systems" and "Auto Accessories" could be shown in the database as valid includers for "Car Stereo." If a user selects "Car Stereo" from the Category screen and then selects the "More General" button, in what order should "Auto Accessories" and "Stereo Systems" be presented? SubjectSeq answers this question.

ReferenceSeq: The relative order in which the Reference is to be presented, when there are also other categories or content

1

5

10

15

20

25

30

items having the same relationship to the Subject item. Works according to the same principles as SubjectSeq.

IncludeGrandchildrenInd: Not used in this version of Pinpointer, but needed for later iterations involving the forms of complex content presentation laid out in the proof of concept site. Specifically, this field indicates whether it is the wish of the content "assembler" to include just one specific content item, or also its children, in a new content item he is creating "from parts."

SubjectPriorityLevel: Establishes the order in which multiple items or categories in the same subject role will be logically evaluated.

example, two categories, "Stereo" and Accessories" might both be parents to the category, For purposes of calculating a Car Stereo BroaderCatOverallHits, it CategorizingEntity's is necessary to factor in the categorizer's popularity at the category's parent and grandparent levels. or calculation, should Stereo Car Accessories be considered the primary parent? Whichever category has a SubjectPriorityLevel of should be considered 1 primary parent, and whichever has a SubjectPriorityLevel of 2 should be considered the secondary one.

Having specific numeric designators capable of going past 2, rather than just a simple flag to indicate that a category is to be considered "primary" in a certain role,

also ensures that by-category rollups can be performed without double-counting any data.

ReferencePriorityLevel: Establishes the order in which multiple items or categories in the same reference role will be logically evaluated. (See writeup of SubjectPriorityLevel for more details.)

ItemCatCorrelationType

5 Definition

The means by which the nature of a relationship between two categories or two content items is precisely described. Examples of values include Includes/Is Included In and Implies/Is Implied By.

Fields or Attributes

CorrTypeId: The unique identifier of the ItemCorrelationType.

SubjRoleDesc: A textual representation of the role played in the relationship by the subject item or category. Example of value: "Album."

20 ReferenceRoleDesc: A textual representation of the role played in the relationship by the reference item or category.

Example of value: "Track."

25

10

30

ItemCategorization

5 Definition

10

15

25

30

35

The assignment of a content item (i.e., an ItemOrCategory whose ItemInd = 1) to a content category (an ItemOrCategory whose CategoryInd is = 1). In most cases, ItemCharacterization represents the judgment of a specific PersonOrOrganization; it reflect but may also information about the judgments of all categorizing PersonsOrOrganizations.

Fields or Attributes

CategorizationId: The unique identifier of the ItemorCategorization.

ItemCatIDContent: The unique identifier of the content item being categorized.

ItemCatIDCategory: The unique identifier of the category into which the content item has been assigned.

PersongIdCreator: The unique identifier of a PersonOrOrganization making a categorization. When this is null, it indicates a summary-level ItemCharacterization representing the combined judgments of all categorizers. (Optional)

PersongIdPayee: The unique identifier of a PersonOrOrganization to receive incentive payments when users go to a content item via this ItemCategorization, if the

5

15

category is an incented one. This party can be different from the creator, because rights to ongoing incentive payments may be sold to other parties for lump sums. (Optional)

DtmPosted: The date and time when this categorization was
first made. (Optional)

DtmExpires: The date and time when this categorization will become inactive if it is not renewed. (Optional)

Categorizer Sequence: A representation of the order in which other PersonsOrOrganizations who have made this categorization will be eligible for first categorizer rights, if the current entity holding such rights fails to renew the categorization. (Optional)

1stCategorizerRightsInd: Indicates that this categorization
20 is eligible to receive incentive payments whenever users
select the content item and category indicated, provided it is
an incented category. 1-position integer. (Mandatory: must
be either 1 = yes, or 0 = no)

DnmOverallSelectionCount: A denormalized summary representation of how often users have selected a content item via this particular categorization. Used to eliminate the need to tally large volumes of normalized data while the user is waiting for search results to be sequenced according to popularity. Only updated by a batch program. (Optional)

DnmRecentSelectionCount: A denormalized summary representation of how often users have selected a content item

5

10

15

20

25

lately via this particular categorization. Used to eliminate the need to tally large volumes of normalized data while the user is waiting for search results to be sequenced according to popularity. Only updated by a batch program. (Optional).

DnmQuickReturnCount: A denormalized summary representation of how often users have gone almost immediately back to the search results screen after selecting the content item via this categorization-indicating that it did not meet their expectations. Used to eliminate the need to tally large volumes of normalized data while the user is waiting for search results to be sequenced according to popularity. Only updated by a batch program. (Optional)

DtmDnmCountsUpdated: The date and time when the batch program that updates denormalized selection and quick return counts last ran against this categorization. (Optional)

RankingCredit: Updated by a batch program, this field is a convenient summarization of how highly CategorizingEntities rate an item relative to other items they have also rated within the same category. The maximum value is 1.00, and it diminishes in increments proportional to the number of categorizations the categorizing entity has made within the category.

In its computation, the first step is to eliminate gaps between CategorizersInternalRanks in multiple ItemCategorizations by the same CategorizingEntity, in order to facilitate other computations. For example, MedFacts may assign its initial set of ItemCategorizations for

5

30

35

Osteomyelitis CategorizersInternalRanks of 10, 20, 30, and 40; so that later, new categorizations can be inserted at numbers 34 and 36 without having to renumber all the others. Sequential ranking converts the randomly-spaced values of 10, 20, 30, 34, 36, and 40 into a more predictable and orderly 1, 2, 3, 4, 5, and 6.

The next step is to compute a score based on relative position within a categorizer's rankings for a category. For example, if MedFacts has made 5 categorizations of sites as being about osteomyelitis, those categorizations should be scored as follows:

	Sequential	Ranking	Score
	1	1.0	
	2	0.8	
20	3	0.6	
	4	0.4	
	5	0.2	

If the Osteopathic Society of the Ukraine has categorized only
25 2 sites as being about osteomyelitis, their scores would be as
follows:

Sequential Ranking Score

1 1.0
2 0.5

To compute the score, first compute a reduction factor as 1 divided by total categorizations within the category by the categorizing entity. Then subtract 1 from sequential ranking,

multiply the result by the reduction factor, and subtract
that result from 1. (Optional)

5

1

CategorizersInternalRank: Assigned by a content categorizer to indicate the order in which multiple content items he has assigned to the same content category should appear on the search results screen. (Optional)

10

PricingIncludedInd: Indicates whether a user who selects a content item based on this categorization will find pricing information there. Needed for the shopping variant of the Find Material screen, to be added in a subsequent release. 1-position integer. (Mandatory: 1 = yes, 0 = no)

15

20

25

ErroneouslyCategorizedInd: When set to 1 = yes, indicates marketing entity assessing a primary-level categorizer's work found this particular categorization to be conformance with its own standards for categorizations. Will be used in a subsequent release to enable marketers to avoid having to view the same information repeatedly over time, and to help them identify which primarylevel categorizers' judgments best match their own. 1position integer. (Mandatory: 1 = yes, 0 = no)

30

ItemDetail

5 Definition

The set of information that pertains only to specific items, and not to broader categories.

10 Fields or Attributes

ItemCatID: The unique identifier of the item to which the detail information pertains.

- CreatorAssignedId: The identifier by which the entity that created the item refers to it. Often a manufacturer's part number. (Optional)
- DigitalObjectId: A standardized Digital Object Identifier (DOI), known outside the owner or originator of an item, which is coming into increasing use for electronic content of all kinds. (Optional)
- UPC: The Uniform Price Code of an item—i.e., the numbers that a bar code represents. (Optional)
 - URL: The Uniform Resource Locator by which a page can be found on the Internet. (Optional)
- OtherOnlineID: Any other means by which an online content item may be identified below the whole-page level, such as the number by which an online music vendor identifies images, text, or other material describing or illustrating an album or track. (Optional)

GenEntryPointInd: A flag indicating that an item serves as a
general entry point for a number of other items—for example,
as a home page. 1-position integer. (Mandatory: 1 = yes, 0
= no)

ItemOrCategory

Definition

Something that users of Pinpointer may seek access to or seek information about on the Internet.

NOTE: Often it is impossible call something exclusively an item or exclusively a category. For example, a piece of writing may be both a specific content item and also the subject of other pieces of writing—i.e., a category. For this reason, instead of having separate tables for items and categories, those that function at least part of the time as categories are marked with a simple flag.

Fields or Attributes

20 A flag indicating suitability for use as a CategoryInd: category, including being displayed in the Category screen. Intended for use as a clustered index, so that rows which can appear in the Category screen are found physically together at the beginning of the table, to enable values for this screen 25 to be quickly assembled, without having to sequentially through the entire voluminous ItemOrCategory table, which can ultimately grow to billions of rows. (Mandatory: 1 = yes; 2 = no. position integer. NOTE: 30 PersonOrOrganization are the only places database where a value of 2 in an indicator means "no.")

ItemCatID: The unique identifier of the ItemOrCategory.

Name: The way that users will know an ItemOrCategory, because this is the primary value that will appear in various screens.

5 Example: "A Modest Proposal." Typically corresponds to HTML Title meta-tag.

Description: More extended textual information about an ItemOrCategory. Example: "Jonathan Swift's classic satire on handling the Irish problem." Typically corresponds to HTML Description meta-tag. (Optional)

ProductOrServiceInd: A flag indicating suitability for
listing in the upcoming Shopping screen, which will be a
variant of Find Materials. 1-position integer. (Mandatory: 1
= yes, 0 = no)

Item Ind: A flag providing conclusive confirmation that the ItemOrCategory can be considered an item in its own right, regardless of whether it can also be considered a category.

1-position integer. (Mandatory: 1 = yes, 0 = no)

25

10

30

ItemOriginationRole

5 Definition

10

A link between an item and a PersonOrOrganization who played a part in bringing it into being. Examples of values: Manufacturer, Writer, Lead Vocalist, Percussionist, Primary Artist.

Fields or Attributes

ItemOriginationRoleId: The unique identifier of the ItemOriginationRole. (Mandatory)

ItemCatID: The unique identifier of the item to which the origination information pertains.

20 RoleTypeId: The unique identifier of the OriginationRoleType played by a particular PersonOrOrganization.

Sequencer: A means of determining which entity should be presented first, if more than one PersonOrOrganization has played the same OriginationRoleType. 2-position integer.

(Mandatory; minimum value = 1)

PersorgId: The unique identifier of a particular PersonOrOrganization who has played the OriginationRoleType indicated. (Mandatory)

Share: A means of apportioning credit when multiple entities have played the same role. The sum for all must equal 100%, to be enforced by application program logic. (Mandatory)

35

StartDtm: A means of indicating who played what role when, in cases where a role (such as editor of an online magazine) passes from person to person. (Optional)

StopDtm: A means of indicating who played what role when, in cases where a role (such as editor of an online magazine) passes from person to person. (Optional)

OfferedItemOrCategory

5 Definition

10

20

25

A representation that a given type of goods or services can be obtained from a particular retailer, vendor, professional or other supplier or provider. An entry here is required for the vendor to participate in the upcoming Shopping screen. Typically costs more to post than an ItemCategorization.

Fields or Attributes

OfferedItemOrCatId: The unique identifier of the OfferedItemOrCategory. (Mandatory)

ItemCatId: The unique identifier of the ItemOrCategory of
goods and services being offered. (Mandatory)

PersorgId: The unique identifier of the offeror. (Mandatory)

Sequencer: A means of ensuring that a vendor can offer the same ItemorCategory at multiple online sites and/or with multiple OfferorAssignedIds.

ItemCatIdOfferingSite: A link back to a web page in which the goods or service are offered. (Optional)

OfferorAssignedId: A means of accommodating situations in which a value must be passed back to a web site to identify the specific item the user is shopping for, when the other site identifies the item by some label of its own devising,

rather than more standard values like UPC or Manufacturer's Item Number. (Optional)

OrganizationInclusion

5 Definition

1

10

A relationship in which one organization is identified as the parent, or including, entity; and another is identified as the child, or included, entity. Accommodates multi-parent situations, such as financial magazines that are owned jointly by a financial organization and a magazine publishing house.

Fields or Attributes

15 PersorgIdIncluder: The unique identifier of the parent organization.

PersorgIdIncludee: The unique identifier of the child organization.

20

25

30

OriginationRoleType

5 Definition

A standardized description of a function that may be served by a PersonOrOrganization in bringing an item into being. Examples of values: Manufacturer, Writer, Primary Artist.

10

Fields or Attributes

RoleTypeId: The unique identifier of the role type. (Mandatory)

15

Description: The textual value that users see, such as "Lead Vocalist" or "Percussionist." (Mandatory)

20

25

30

PersonOrOrganization

5 Definition

Any human or organizational entity, such as a singer, a manufacturing corporation, or a magazine.

10 Fields or Attributes

CategorizerInd: A flag indicating that this entity can be included in the Categorizer screen is otherwise treated as a categorizer. Also used in a clustered index to physically place categorizers together at the front of the table, eliminating the need to scan a large table in its entirety to populate the Categorizer screen while the user is waiting for a response. (Mandatory: 1 = yes; 2 = no. NOTE: Here and in ItemOrCategory are the only places in the database where a value of 2 in an indicator means "no.")

PersorgId: The unique identifier of the person or organization.

- DisplayName: The way the person or organization's name is to appear in screens and other system presentations to the user.

 (Optional)
- DispNameOkInd: A flag used to indicate that the DisplayName has been found to be a reasonable representation of the entity's actual name—typically, by comparing to the name displayed on a credit card. 1-position integer. (Mandatory: 1 = yes, 0 = no)

35

15

5

10

15

DispNameRejInd: A flag used in the process of validating a display name to indicate that a problem has occurred. 1-position integer. (Mandatory: 1 = yes, 0 = no)

DispNameReqInd: A flag used to indicate that a display name has yet to be entered and validated. 1-position integer. (Mandatory: 1 = yes, 0 = no)

OrganizationInd: A flag indicating the difference, for logical processing purposes, between a person and an organization. 1-position integer. (Mandatory: 1 = yes, 0 = no)

VendorInd: A flag indicating that an entity is eligible to appear in the Shopping function. 1-position integer. (Mandatory: 1 = yes, 0 = no)

BrickAndMortarInd: A flag indicating that a vendor has a
physical store or other facility that a shopper can visit to
obtain products or services, as opposed to operating
exclusively on the Internet. 1-position integer. (Mandatory:
1 = yes, 0 = no)

CredentialSummary: A short textual item generated by a PersonOrOrganization to summarize to users why they should trust categorizations made by this entity. May appear on the Categorizer screen alongside the display name. Examples of values: "Rolling Stone contributor," "Award-Winning Veterinary Hospital." (Optional)

5

SelfDescription: A more extensive textual item, also generated by the categorizer, giving a more complete description of credentials, values, ideals, or any other factors that may persuade users to trust the categorizer's judgments. Displayed only at user's request. (Optional)

DtmEstablished: The date and time when a PersonOrOrganization first appeared in the Pinpointer database.

LogonId: (Optional)

Password: (Optional)

15 PswdReminderQ: (Optional)

EmailAddress: (Optional)

StreetAddress: (Optional)

20

StreetAddrExt: (Optional)

City: (Optional)

25 State:

PostalCode:

Country: (Optional)

30 DomAreaCode

DomPhoneNbr

IntlPhoneNbr: (Actually multiple fields-I'll leave it to Peter and Ivan, who are a lot more familiar with international

telephoning than I am, to sort out how this can best be represented to ensure that a human being looking at the values in these fields can figure out how to reach anyone, anywhere by phone.)

IndFirstName: An individual's actual first name, which may or
may not be discernable from the display name he uses.
(Optional)

IndLastName: An individual's actual last name, which may or
may not be discernable from the display name he uses.
(Optional)

15

10

5

20

25

30

ReservedDomain

Definition

10

A representation of ownership of all pages beginning with a given URL. Used to ensure that, for example, only *Car and Driver* magazine can update the description of a *Car and Driver* article.

Fields or Attributes

DomainId: The Pinpointer-generated unique identifier of the domain.

URLPrefix: A portion of a URL that remains constant across all pages owned by a given entity.

- 20 PersorgId: The unique identifier of the owning entity.
- 25 RRT/dlf

CLV PAS552163.1-*-03/22/04 9:41 AM

30